

Fig. 3A

Fig. 3B

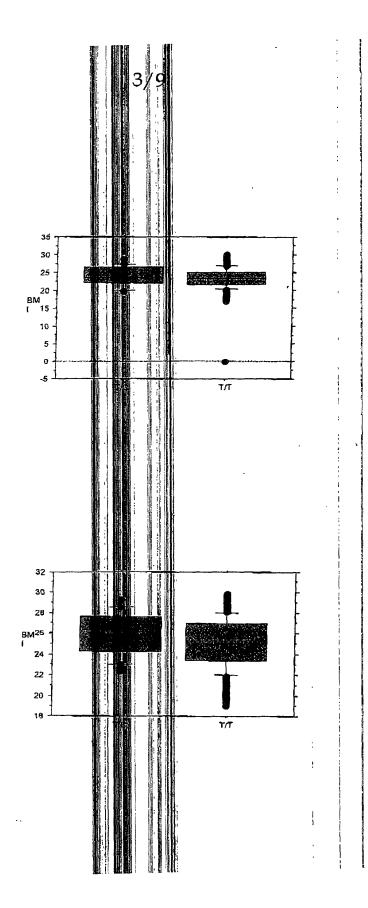


Fig. 4A

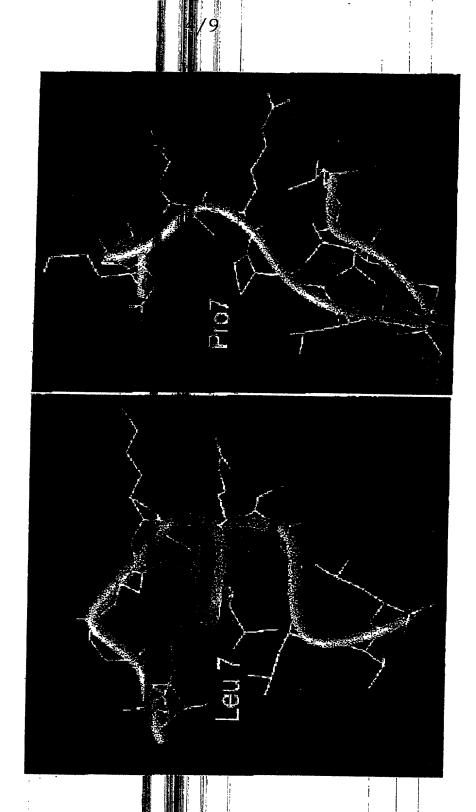
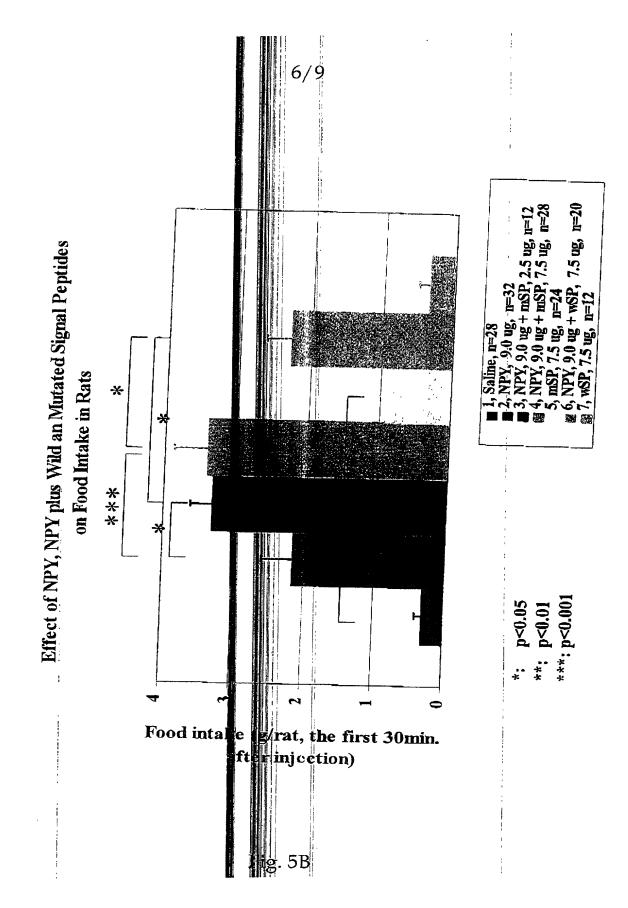
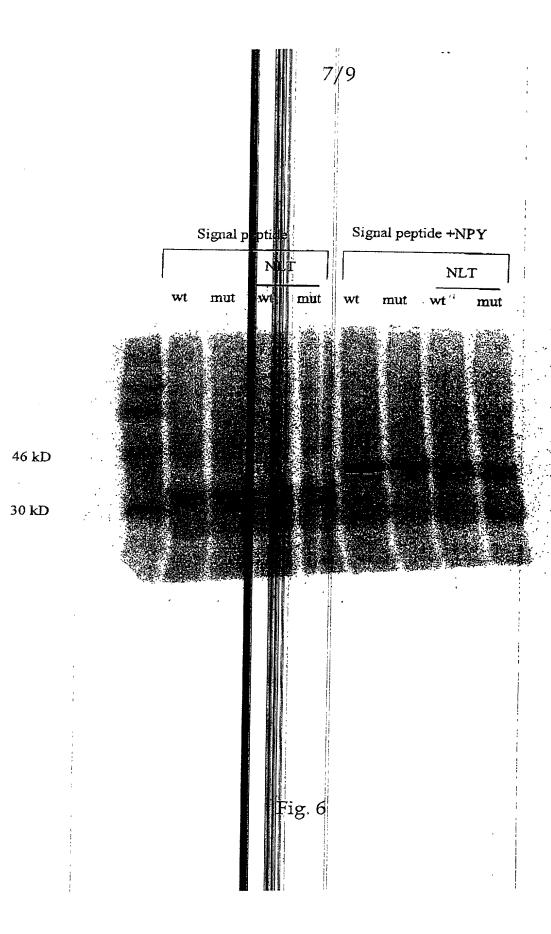


Fig. 4B

2, NPY, 9.0 ug, rr=32
3, NPY, 9.0 ug + mSP, 2.5 ug, rr=12
4, NPY, 9.0 ug + mSP, 7.5 ug, rr=28
5, mSP, 7.5 ug, rr=24
6, NPY, 9.0 ug + wSP, 7.5 ug, rr=20
7, wSP, 7.5 ug, rr=12 Effect of NPY, NPY plus Mutated and Wild Signal Peptides 1, Saline, n=28 on Food Intake in Rats **: p<0.01 ***: p<0.001 77 10 œ Cumulative food take (g/rat/4hr.)





```
-602
 ggggtggfgtgggggggggggcgcagctttgggaccctttaggeggagagacttccggcagctgcctccgacttgttctaagtacag
 -609
 gaaaaatetgtgegeecagttgeeteacteeaa ageffegeagttgtgeeggegaggatgeegegetagtegtggagat
 -529
                                               -399
 gccccaccacaaagaggattcaggtgcttccta tccggcacccagtgggttggtagtcctgttggcaggagacaagaat
 -449
 cgtctgggctgctcctatctctggcaggactagcgggcgtgaaggaaagaaggaaaggaaagcagggatcgggca
 -369
ctgcccgagggcagatacttgggctttggtgttgtccagcgctcggctcggagtgcgctgcctcgctcacgcggtcccaggcc
gttccagcccctcccccccccccgccactcaggggcgcgaaqtggcgggtggfagtcacccaagcgtgactgcccgaggc
ccctcctgccgcgaggaagctccataaaagctctgtcgcgacccgctctctgcACCCCATCCGCTCGCTCTCA
CCCCTCGGAGACGCTCGCCCGACAGCATAGTACT GCCGCCCACCGCGCGCGCGCGCGCCACCGtgagtgcta
cgaccogtctgtctaggggt---- IVS ]--
+97
                                              +1008
ctcctgggttctctctctgcgggactgggacgagaggggggtgtgggggtcgcgfgtggtagcaggaggaggagcgcggggggc
+958
                 +1057
agaggagggaggtgctgcgfgtgggtgctctgaalcccfaagcccgtccgttgagccttctgtgcctgcagATGCTAGGT
+1033
```

